

# 以K-sigma法探討國民中學校園安全之研究

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## 摘要

This study is based on the International Nuclear Energy Advisory Group (INSAG) proposed the theory of safety culture. It's also based on the use of K-sigma method (Li Wen-kui 2005) to investigate the safety of the high school campus, and explained by the draw of risk monitoring figures. The study of secondary school teachers in Chang-hua County, total of 156 valid questionnaires. Campus security questionnaire that covering the organization, management, control, and behavioral level. All information will be K-sigma method, Euclidean distance formula technology establishment to campus risk measure mode. The research results show that this risk assessment model is reasonably applicable. Campus managers can appropriately adjust the parameters of different, flexible vision of campus risk. The risk status of inconsistent factors strict monitoring requirements. Also allows campus security competent individual and holistic approach to risk measurement and analysis of the initiative, in order to develop a risk management strategy.

關鍵字：risk assessment, safety culture, campus safety, k-sigma method